

# 9th Class 2021

Biology	Group-I	Paper-I
Time: 15 Minutes	(Objective Type)	Marks: 12

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1-** The level of organization that is less define in plants is:
- (a) Organism level
  - (b) Organ level
  - (c) Organ system level ✓
  - (d) Tissue level
- 2-** A litre of ethanol weighs \_\_\_\_\_ grams.
- (a) 1,000
  - (b) 789 ✓
  - (c) 879
  - (d) 978
- 3-** The terms prokaryotic and eukaryotic was first suggested by \_\_\_\_\_.
- (a) E-Chatton ✓
  - (b) Robert Whittaker
  - (c) Ernst Hackel
  - (d) Margulis
- 4-** What is the function of mitochondrion?
- (a) Lipid storage
  - (b) Protein synthesis
  - (c) Photosynthesis
  - (d) Cellular respiration ✓
- 5-** Which phase lasts for at least 90% of the total time for cell cycle?
- (a) Inter phase ✓
  - (b) Karyokinesis
  - (c) Cytokinesis
  - (d) Prophase
- 6-** If tumors remain in their original location are called:
- (a) Malignant tumors
  - (b) Metastasis
  - (c) Benign tumors ✓
  - (d) Cancerous tumors



7- Term metabolism is derived from Greek word meaning:

- (a) Smaller
- (b) Change ✓
- (c) Growth
- (d) Energy

8- ATP was discovered in:

- (a) 1939
- (b) 1941
- (c) 1949
- (d) 1929 ✓

9- Which mineral is used for blood clotting?

- (a) Potassium
- (b) Chloride
- (c) Sodium
- (d) Calcium ✓

10- Where are villi found?

- (a) Esophagus
- (b) Stomach
- (c) Small intestine ✓
- (d) Large intestine

11- Outside the conducting tissues, there is a narrow layer of cells called:

- (a) Endodermis
- (b) Pericycle ✓
- (c) Cortex
- (d) Epidermal

12- The opening between right atrium and right ventricle is guarded by:

- (a) Tricuspid valve ✓
- (b) Bicuspid valve
- (c) Pulmonary semilunar valve
- (d) Aortic semilunar valve